

Message

From: MacNicholl, Peter@DTSC [Peter.MacNicholl@dtsc.ca.gov]
Sent: 11/27/2019 5:29:45 PM
To: Fennessy, Christopher [christopher.fennessy@Rocket.com]; MacDonald, Alex@Waterboards [Alex.MacDonald@waterboards.ca.gov]; Keller, Lynn [Keller.Lynn@epa.gov]; Lae, Tom/SAC [Tom.Lae@jacobs.com]
CC: Jacobsen, Brittani [Brittani.Jacobsen@arcadis.com]; Rob Wilhelm (RWilhelm@Hargis.com) [RWilhelm@Hargis.com]; Bush, Dan (Dan.Bush@arcadis.com) [Dan.Bush@arcadis.com]; Kellogg, Lisa (Lisa.Kellogg@arcadis.com) [Lisa.Kellogg@arcadis.com]; mhall@hargis.com
Subject: Re: Area 40 Status Update - Week of 11/18-11/22

Awesome Chris! Thanks for including the equipment used in the fieldwork activities. Its a great record, gives the reviewer actual knowledge of these details, and helps convey the scale of the work and use of the specialized equipment.

-Pete

From: Fennessy, Christopher <christopher.fennessy@Rocket.com>
Sent: Tuesday, November 26, 2019 11:29 AM
To: MacNicholl, Peter@DTSC <Peter.MacNicholl@dtsc.ca.gov>; MacDonald, Alex@Waterboards <Alex.MacDonald@waterboards.ca.gov>; Keller, Lynn (Keller.Lynn@epa.gov) <Keller.Lynn@epa.gov>; Lae, Tom/SAC (Tom.Lae@jacobs.com) <Tom.Lae@jacobs.com>
Cc: Jacobsen, Brittani <Brittani.Jacobsen@arcadis.com>; Rob Wilhelm (RWilhelm@Hargis.com) <RWilhelm@Hargis.com>; Bush, Dan (Dan.Bush@arcadis.com) <Dan.Bush@arcadis.com>; Kellogg, Lisa (Lisa.Kellogg@arcadis.com) <Lisa.Kellogg@arcadis.com>; mhall@hargis.com <mhall@hargis.com>
Subject: RE: Area 40 Status Update - Week of 11/18-11/22

Sorry, here is the figure. Test pits were dug at each rectangle location. Char layer was found in the ones colored black.

Christopher M. Fennessy, P.E.
Aerojet Rocketdyne, Inc.
Senior Manager, Environmental Remediation
PO Box 13222
Sacramento, California 95813-6000
Cell: 916-798-6103
Ph: 916-355-3341
Fax: 916-355-6145
Email: Christopher.Fennessy@Rocket.com

From: Fennessy, Christopher
Sent: Monday, November 25, 2019 5:41 PM
To: 'MacNicholl, Peter@DTSC (Peter.MacNicholl@dtsc.ca.gov) (Peter.MacNicholl@dtsc.ca.gov)' <Peter.MacNicholl@dtsc.ca.gov>; 'MacDonald, Alex@Waterboards (Alex.MacDonald@waterboards.ca.gov)' <Alex.MacDonald@waterboards.ca.gov>; 'Keller, Lynn (Keller.Lynn@epa.gov)' <Keller.Lynn@epa.gov>; 'Lae, Tom/SAC (Tom.Lae@jacobs.com)' <Tom.Lae@jacobs.com>
Cc: 'Jacobsen, Brittani' <Brittani.Jacobsen@arcadis.com>; 'Rob Wilhelm (RWilhelm@Hargis.com)' <RWilhelm@Hargis.com>; 'Bush, Dan (Dan.Bush@arcadis.com)' <Dan.Bush@arcadis.com>; 'Kellogg, Lisa (Lisa.Kellogg@arcadis.com)' <Lisa.Kellogg@arcadis.com>; 'mhall@hargis.com' <mhall@hargis.com>
Subject: Area 40 Status Update - Week of 11/18-11/22

Hi Everyone –Below is an update of our RDIP#1 implementation progress at Area 40:

Activities for the week of 11/18-11/22 included:

- Over-excavation (Perchlorate remedial areas)
 - Based upon the total amount of initial excavation material (37,857.83 tons), over-excavation of about 3,800 tons can occur based upon sidewall and floor analytical results
 - Excavation will not occur beyond 12 feet in depth or the depth of bedrock (if shallower than 12 feet bgs).
 - Prior to this week, the over-excavation amount was 2,236.32 tons. This leaves approximately 1,550 tons remaining to be excavated.
 - AR and Agencies agreed to over-excavate the following areas:
 - W-39B-S-RA2-10 should be over-excavated laterally another 5 feet and down to 6 feet bgs.
 - W-39B-S-RA4-2 should be over-excavated laterally 5 feet and down to 6 feet bgs.
 - W-39B-S-RA3-2 should be over-excavated laterally 5 feet and down to 2 feet bgs.
 - Over-excavation of remedial areas W39B-S-RA2-10, W39B-S-RA4-2, and 39B-S-RA3-6 was conducted. Soil was hauled to Potrero Hills landfill for disposal.
- Over-excavation (Dioxin remedial areas) – Over-excavation of W-38B-S-RA1-1 and F-39B-S-RA1-1 was conducted. Soil from F-39B-S-RA1-1 was hauled to Potrero Hills landfill for disposal. Soil from W-38B-S-RA1-1 was stockpiled on visquene within 38B-S-RA2 and covered pending removal of char layer. Confirmation samples were collected and submitted to Test America for dioxin analysis.
- Char layer investigation
 - The remaining char layer present in the side of 39B-S-RA2 was placed on visquene within 38B-S-RA2 and covered pending the removal of the remaining char layer soils.
 - Performed potholing across the entire southern area to identify areas where a char layer exists within the top 2-3 feet of the surface. The attached map shows the locations of the potholes and that the area where the char layer exists is beneath the eastern side of the site. A char layer does not exist beneath the western portion of the site.
 - Excavation of the top 2 feet of the site began on the west side of the southern area and the excavated soil was placed into the open remedial area excavations and compacted.

Activities for the week of November 25 include:

- Continue excavation of the top two feet of soil on the western side of the southern area and use soil as backfill for southern remedial area excavations.
- Prepare site for forecasted precipitation events. Excavation of char layer soils on the eastern side of the southern area will be on hold until a clear weather forecast is obtained.

Look ahead:

- Week of December 2 – Continue char layer removal. Off-site disposal of char layer material and overlying soil. Confirmation sampling beneath char layer.

Thanks, Chris

Christopher M. Fennessy, P.E.
Aerojet Rocketdyne, Inc.
Senior Manager, Environmental Remediation
PO Box 13222
Sacramento, California 95813-6000
Cell: 916-798-6103

Ph: 916-355-3341

Fax: 916-355-6145

Email: Christopher.Fennessy@Rocket.com